AXICON ONLINE BARCODE VERIFIER USER GUIDE

SUMMARY

The Axicon verifier uses a different program when scanning and verifying labels in a continuous run. This is the Online Verifier app and can be installed from the disc supplied with the barcode verifier.

SETUP

Align the barcode verifier in front of the print head and make sure the height of the stand is the same as the feed path of the printer. Plug the cable from the verifier into the USB2 port on the PC and plug the interface box onto the I/O port on the back of the printer and another USB port on the PC.
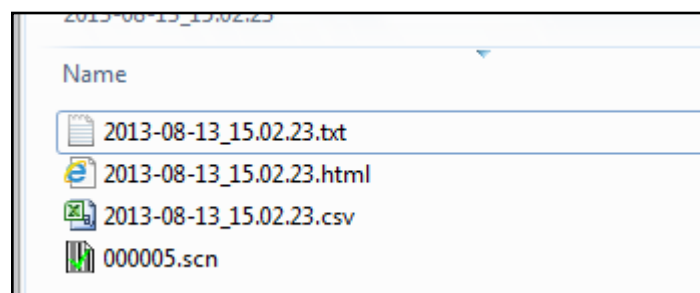
HOW IT WORKS

The system works by using jobs to record each print job sent to the printer. Each job is saved as a folder containing:

- **Spreadsheet (CSV)** a full read out of the job including the full verifier parameters that are analysed. This provides a full technical read out of every single scan including the ISO criteria for verification.
- **Scan File (SCN)** the same scan file as used with the verifier software so is useful for investigating any issues further making use of the diagnostic tools. The same details are also recorded in the spreadsheet. By default only failed scans are saved as a Scan file.
- **Summary** file which states very brief information about the job.
- **Text** File which contains any notes recorded at the end of each job. This is optional.

Step-by-step Procedure

1. **Press Go** If enable auto filename is switched off enter a job name.
2. **Start Printing Labels** The verifier will capture each barcode printed and analyse to the ISO standard.
3. **Monitor Feedback** If the printer is paused, assess the reasons and fix if possible before continuing the print job.
4. **Press Stop** When print job has finished and record any relevant notes.
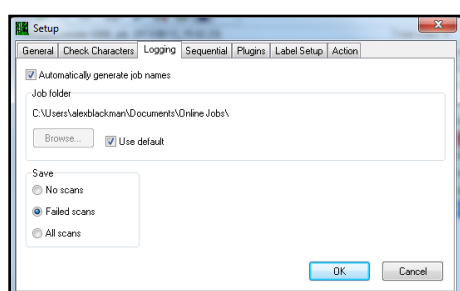
AXICON ONLINE BARCODE VERIFIER
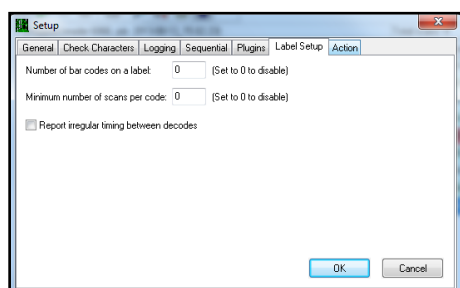# USER GUIDE

RECOMMENDED SETTINGS

The online verifier can also be set to pause printing when a faulty barcode is detected allowing an operator to investigate before proceeding with the rest of the print job. This is useful as a fault such as a failed head can be detected immediately. To change setting select **Options > Setup** (F5) to open the **Setup** dialog box.

Logging Tab
Under the logging tab enable **Automatically generate job names** as every job is saved as a folder. It is recommended to use this setting because each job will then be saved using the date and time the job was started e.g. **2013-08-26_10.18.25** making sure each job is unique. If this is left disabled (unchecked) you will be prompted to enter a job name every time, otherwise the job **default** will be used automatically, which gets overwritten.
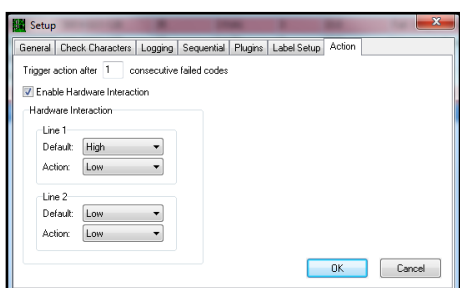
Under **Save** you can select whether the software generates a full scan file for no scans, only the scans that fail or every scan. It is recommended to set this to **Failed Scans** as it is not necessary to have a scan file for every scan. All the technical data is recorded in the spreadsheet (csv) and saving every scan could lead to a large number of files being generated.

Label Setup Tab
The **Number of barcodes on a label** should be set to zero and the **Minimum number of scans per code** should be set to 25 to ensure a good read of each barcode.
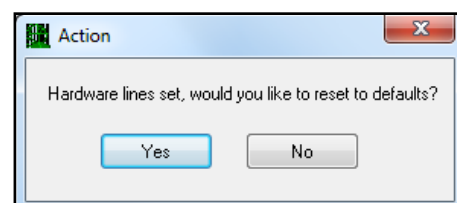
The **Report irregular timing between decodes** if enabled (checked) will cause the software to generate an error if there is any interruption when verifying barcodes. This is useful to indicate missing labels on the reel, or print problems severe enough to damage the barcode to the point where it cannot be detected. It is worth stressing that the irregular timing does not necessarily mean that a barcode has failed, it means no barcode was detected. This could be the result of a missing label or a poorly printed barcode, but is worth investigating either way!

Action Tab
The settings here control the interaction the verifier has with the printer and halting the print run. The setting **Low** means do not to stop printing, so if the verifier detects an error for whatever reason the print job will keep on printing regardless. The setting **High** will stop printing, that is if an error is detected the printer will be paused and the user will prompted to perform some action before the print job can be continued.

It is recommended that the "**Trigger action after**" setting is set to one consecutive failed scans. The printer will pause when a failed scan is detected. When the verifier detects an error a prompt will appear on the screen asking **Hardware line set**, **would you like to reset defaults?** and at the same time the printer will

be paused. If you press **Yes** the printer will resume the print job. If you press **No** the printer will stay in pause until the software is closed and restarted.

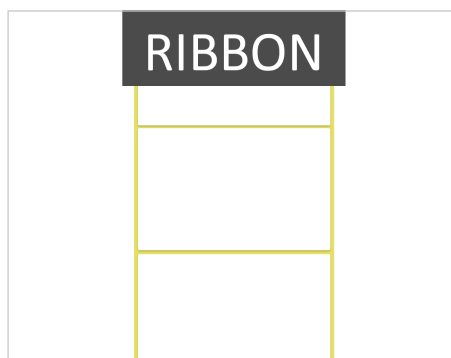# AXICON ONLINE BARCODE VERIFIER USER GUIDE

RECOMMENDED SETTINGS

Label Design Settings

It is recommended to ensure that height of the barcode is at least 23 mm or **ideally 25 mm** to ensure that the minimum number of scans is achieved. This also requires the print speed to be no higher than **5 inches per second** (127 mm/s).
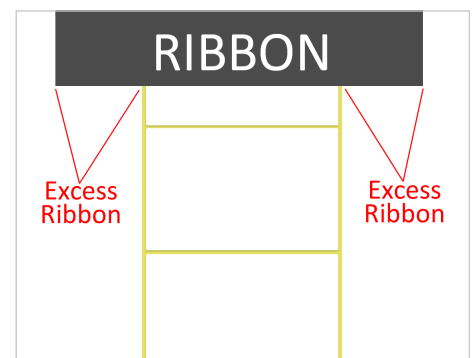

25mm

(01)01892837722441(17)040913

Thermal Transfer Ribbons

The width of the thermal ribbon should not be exceccessively greater than the width of the label or card stock being printed onto. When the ribbon is much wider than the stock the chance of ribbon creasing occuring will increase and this may cause the verifier to detect an error and stop the print job.

RIBBON

RIBBON

Excess Ribbon   Excess Ribbon

✔ **Good Width**   ✘ **Excessive Width**